

Composite Decking Materials Handling

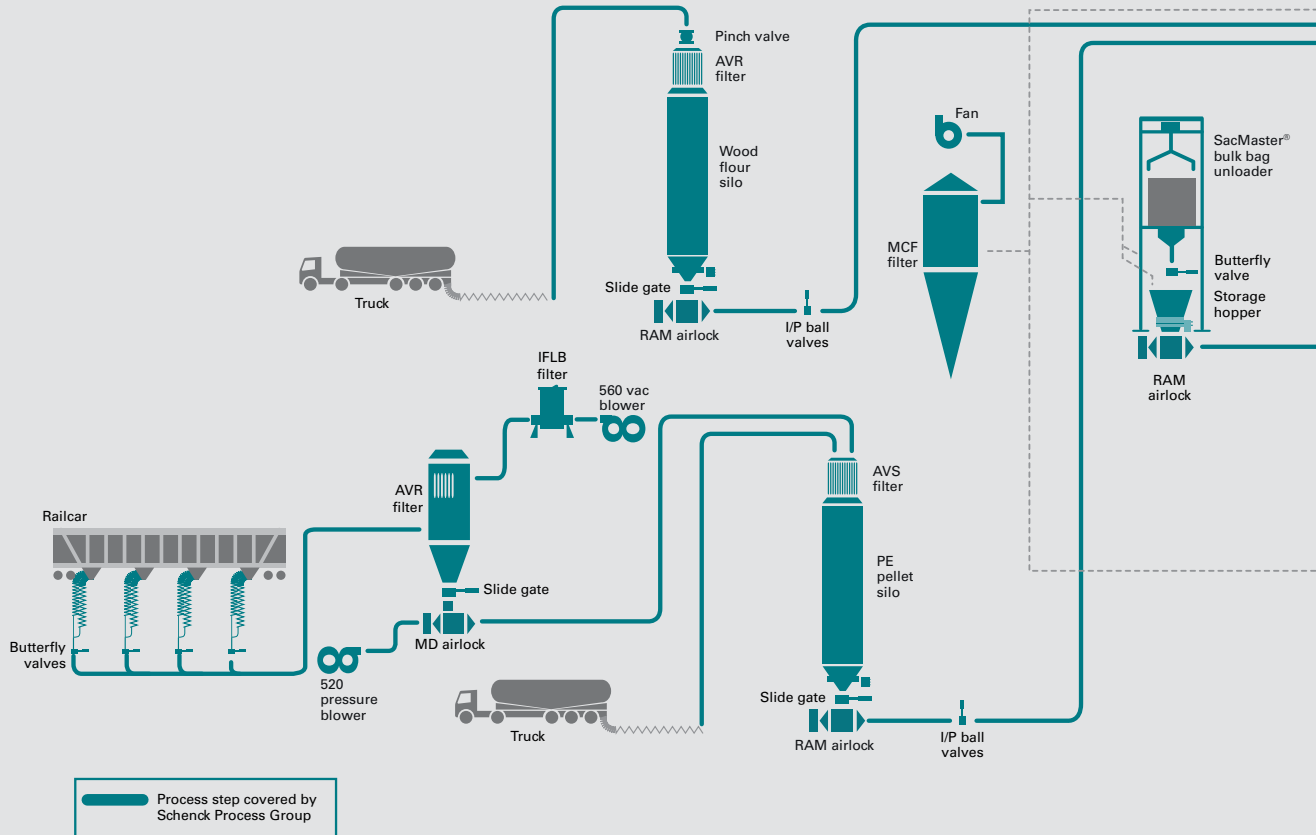
- » Pneumatic Conveying
- » Feeding
- » Dust Collection
- » Bulk Bag Unloading



Serving the Composite Building Materials Industry

Schenck Process has a successful portfolio of serving and supporting building composites manufacturers. With expertise in pneumatic conveying, weighing, feeding, and dust collection, we have designed and manufactured dry ingredient material handling and air filtration systems for some of the most well known brands in the composite decking industry.

We convey, collect, weigh and feed dry bulk materials such as plastic pellets, wood flour, talc, recycle and other minor ingredients to your process equipment for creating precision product mixes, extruded sheets, and panels. Our enhanced dilute phase conveying systems efficiently and accurately transfer raw materials to loss-in-weight feeders that precisely deliver ingredients to your extrusion lines. Schenck Process dense phase conveying systems provide gentle transfer of



AVR Filters (air vent round)

Circled bodied pulse jet filter

- Bottom removal filters capable of handling heavy dust loads
- Designed for vacuum, pressure and combination vacuum/pressure bulk pneumatic receiving and dust collection systems
- Handles low air volumes and higher pressure applications



SacMaster® Bulk Bag Discharge System

Bulk bag frame for full bag emptying

- Posi-flow agitation to eliminate material bridging and promote full bag emptying
- Two agitation and two pivoting paddles for full bag support
- Modular design for easy system customization and compatibility



MechaTron® Feeders

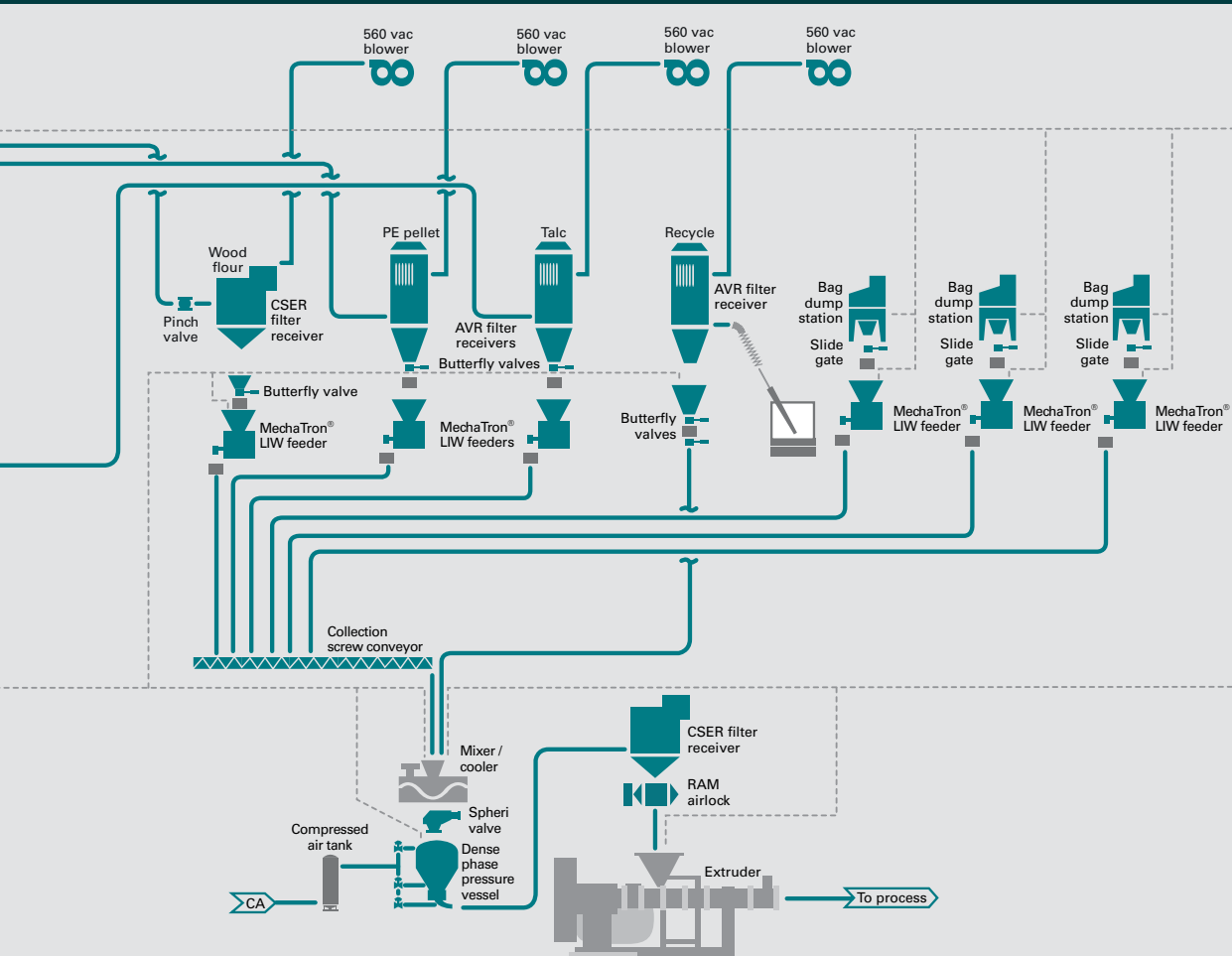
Volumetric and gravimetric feeding

- Highly accurate systems reduce product loss
- Complete disassembly from the non-process side speeds cleaning and maintenance
- Feed rates up to 1,100 ft³ per hour

product mixes to your forming lines with little degradation of your valuable products. For managing heavy dust loads Schenck Process has a wide range of central dust collection and central vacuum system equipment.

Project Management

At Schenck Process, everything we do is centered on customer satisfaction. We strive to make your equipment and systems robust and efficient. Our project management teams become an extension of your business with a direct line of communication to the many resources within the Schenck Process global network. Your Schenck Process team will take command of the design/build process from the project kick-off all the way to process commissioning. From start to finish, our teams are dedicated to meeting your business goals.



Round Airlock Multi-Duty (RAM)

- Universal airlock for rugged service
- Ideal for pressure or vacuum dilute phase conveying systems
 - Offers a high degree of accuracy
 - TS4 packing gland seal provides superior performance



Bag Dump Station

- Manual emptying of small bags
- Integral pulse jet filter
 - Vacuum or pressure style discharge
 - Fully welded exterior and skip welded interior



MCF PowerSaver

- Industrial air filtration
- Operates with medium-pressure cleaning air (7-9 psig)
 - Total filter area available exceeds 23,000 ft² (7,000 m²)
 - Cleaning capacities over 250,000 CFM

BV-P5092EN. All information is given without obligation.
All specifications are subject to change. © 2022



Our bulk material handling systems ensure your products will meet the precise needs of the customers you serve.

Building better products together.

schenck process 

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we make processes work